

Form PTO-1449 (REV. 7-80) PATENT AND TRADEMARK OFFICE		U.S. DEPARTMENT OF COMMERCE		Atty. Docket No. 13748Z		Serial No. 10/672,484 To Be Assigned	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				Applicant Roland Contreras, et al.			
				Filing Date Herewith 9/25/2003		Group 1633	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
QN	1	5,705,616	1/6/1998	Lehle et al.			
QN	2	5,135,854	8/4/1992	MacKay et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
QN	3	8-336387	12/24/1996	Japan			
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
QN	4	Maras, M., et al. (2000) "Molecular Cloning and Enzymatic Characterization of a Trichoderma Reesi, 1, 2 - α -D-Mannosidase", <u>Journal of Biotechnology</u> 77: 255-263					
	5	Bretthauer, R. K., et al. (1999) "Glycosylation of <i>Pichia pastoris</i> -derived Proteins", <u>Biotechnol. Appl Biochem</u> 30: 193-200					
	6	Kukuruzinska, M. A., et al. (1987) "Protein Glycosylation in Yeast", <u>Ann. Rev. Biochem</u> 56: 915-944					
	7	Chiba, Y., et al. (1998) "Production of Human Compatible High Mannose-Type (Man ₅ GlcNAc ₂) Sugar Chains in <i>Saccharomyces Cerevisiae</i> ", <u>The Journal of Biological Chemistry</u> 273 (41): 26298-26304					
	8	Maras, M., et al. (1999) "In Vivo Synthesis of Complex N-Glycans by Expression of Human N-Acetylglucosaminyltransferase I in the Filamentous Fungus <i>Trichoderma Reesei</i> ", <u>FEBS Letters</u> 452: 365-370					
QN	9	Nakanishi-Shindo, Y., et al. (1993) "Structure of the N-Linked Oligosaccharides That Show the Complete Loss of α -1, 6-Polymannose Outer Chain from och1, och1 mnn1, and och1 mnn1 alg3 Mutants of <i>Saccharomyces Cerevisiae</i> ", <u>The Journal of Biological Chemistry</u> 268 (35): 26338-26345					
EXAMINER /Quang Nguyen/				DATE CONSIDERED 10/25/2006			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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EXAMINER INITIAL*	10	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
QN	10	US- 2002/0137134/A1	09-2002	Gerngross			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
QN	11	Martinet, W., et al. (1998) "Modification of the Protein Glycosylation Pathway in the Methylophilic Yeast <i>Pichia Pastoris</i> ", <u>Biotechnology Letters</u> 20(12):1171-1177
	12	Maras, M., et al. (1997) "In Vitro Conversation of the Carbohydrate Moiety of Fungal Glycoproteins to Mammalian-Type Oligosaccharides", <u>Eur. J. Biochem.</u> 249:701-7707
	13	Laroy, W., et al. (2000) "Cloning of <i>Trypanosoma cruzi</i> trans-Sialidase and Expression in <i>Pichia pastoris</i> ", <u>Protein Expression and Purification</u> 20: 389-393
	14	Inoue et al. Molecular cloning and nucleotide sequence of the 1,2-alpha-D-mannosidase gene, msdS, from <i>Aspergillus saitoi</i> and expression of the gene in yeast cells. <u>Biochim. Biophys. Acta</u> 1253:141-145, 1995
	15	Herscovics et al. Isolation of a mouse Golgi mannosidase cDNA, a member of a gene family conserved from yeast to mammals. <u>J. Biol. Chem.</u> 269:9864-9871, 1994
	16	Lal et al. Isolation and expression of murine and rabbit cDNAs encoding an alpha 1,2-mannosidase involved in the processing of asparagines-linked oligosaccharides. <u>J. Biol. Chem.</u> 269-9872-9881, 1995.
QN	17	Trombetta et al. Endoplasmic reticulum glucosidase II is composed of a catalytic subunit, conserved from yeast to mammals, and a tightly bound noncatalytic HDEL-containing subunit. <u>J. Biol. Chem.</u> 271:27509-27516, 1996

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							YES NO
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QN	18	Ngo et al. Computational complexity, protein structure prediction, and the Levinthal Paradox. IN: The protein folding problem and tertiary structure prediction (Merz et al., Eds.), Birkhauser, Boston, 1994, pages 491-495.					
	19	Rudinger, J. Characteristics of the amino acids as components of a peptide hormone sequence. In: Peptide hormones (Parsons, J.A., Ed.), University Park Press, Baltimore, 1976, pages 1-7.					
QN	20	Invitrogen catalog, 1998. Yeast expression, page 22.					
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